

by the milled sides, one side of each bar being held against a vertical surface on the fixture, as shown in the illustration.

Radial Planing Fixture. — A planer equipped with a special radial fixture is shown in Fig. 29. An arm *A* is rigidly attached to one of the planer housings and carries a shaft *B* which forms the pivot for the swinging part *C* of the fixture. This swinging

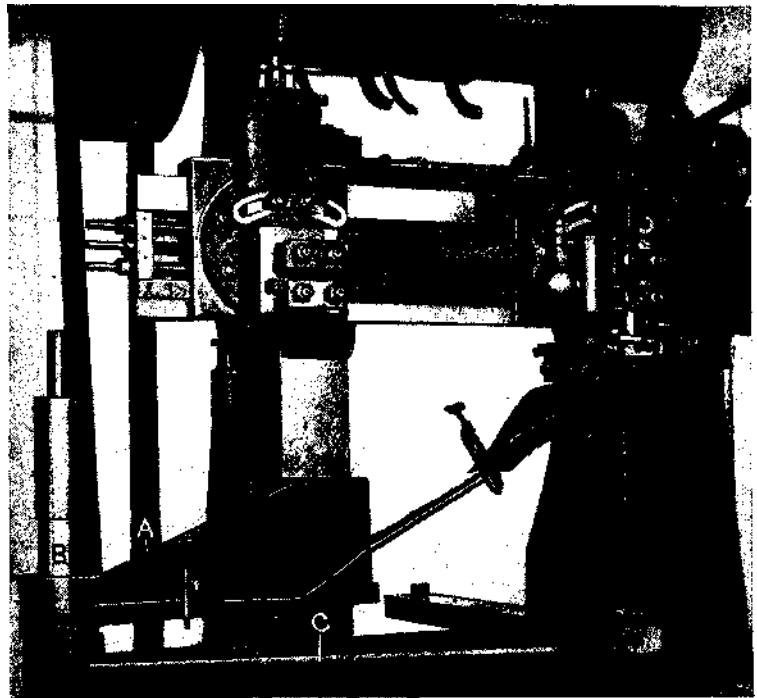


Fig. 29. An Example of a Radial Type of Planing Fixture

member has a slot on the rear side which is engaged by a pivoted block which moves to and fro with the planer table; consequently, the sight-bar, which is held to the swinging member in an upright position, follows a circular path and is planed to a circular form, the radius of any surface being governed by the horizontal distance from the cutting edge of the tool to the axis of pivot *B*. This fixture is similar in principle to some of

the forms used in locomotive shops for planing the links of the valve-operating mechanism.